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8933 7590 07/24/2007

DUANE MORRIS, LLP  
 IP DEPARTMENT  
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(Depositor's name)  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/550,885	09/27/2005	Toshiaki Shirotsuka	D3301-00149	1713

**TITLE OF INVENTION: VARIABLE DIRECTIVITY ANTENNA AND VARIABLE DIRECTIVITY ANTENNA SYSTEM USING THE ANTENNAS**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/24/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
MANCUSO, HUEDUNG XUAN CAO	2821	343-850000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list <input type="checkbox"/> (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, <input type="checkbox"/> (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	<input type="checkbox"/> Duane Morris LLP
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**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

**(A) NAME OF ASSIGNEE**

DX ANTENNA COMPANY, LIMITED

KOBE-SHI, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

**4a. The following fee(s) are submitted:**

**4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)**

Issue Fee  
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**a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.**  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature /joseph a. powers/

Date 8/21/07

Typed or printed name Joseph A. Powers

Registration No. 47,006

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